I Claim:

1. A method for generating a representation of a particular signal among a plurality of received signals; each respective signal of said plurality of signals representing a respective line among a plurality of lines in a video display; each said respective signal including a first signal component and a second signal component; said first signal component having a first bandwidth between a first frequency and a second frequency; said second signal component having a second bandwidth between said first frequency and said second frequency; said second bandwidth being less than said first bandwidth; the method comprising the steps of:

(a) in no particular order:

(1)measuring first samples of said first signal component outside said second bandwidth for a particular time interval in each said respective signal to determine first sample differences between selected said first samples; and

(2) measuring second samples of said second signal component inside said second bandwidth for said particular time interval in each said respective signal;

(b) in no particular order:

(1) establishing a plurality of weighting factors based upon said first sample differences; and

(2) establishing a plurality of filter modes for selectively filtering said plurality of signals based upon said second samples;

(c) establishing a correlation between said plurality of weighting factors and said plurality of filter modes;

(d) filtering said plurality of signals using a selected filter mode of said plurality of filter modes; said selected filter mode being selected using said second samples;

(e) identifying a selected weighting factor of said plurality of weighting factors according to said correlation for said selected filter mode;

(f) employing said selected weighting factor to effect weighted mixing of said samples to generate said representation of said particular signal for said particular time interval; and

(g) repeating steps (a) through (f) until representation of said particular signal is completed.

2. A method for generating a representation of a particular signal among a plurality of received signals as recited in Claim 1 wherein the method comprises the further steps of:

(h) when representation of said particular signal is completed, selecting another plurality of signals in said video display; and

(i) repeating steps (a) through (h) until representation of said video display is complete.

3. A method for generating a representation of a particular signal among a plurality of received signals as recited in Claim 1 wherein said first signal component represents luminance of said respective signal and said second signal component represents color content of said respective signal.

4. A method for generating a representation of a particular signal among a plurality of received signals as recited in Claim 1 wherein said plurality of lines is five lines.

5. A method for generating a representation of a particular signal among a plurality of received signals as recited in Claim 2 wherein said first signal component represents luminance of said respective signal and said second signal component represents color content of said respective signal.

6. A method for generating a representation of a particular signal among a plurality of received signals as recited in Claim 2 wherein said plurality of lines is five lines.

7. A method for generating a representation of a particular signal among a plurality of signals; each respective signal of said plurality of signals representing a respective line among a plurality of lines in an image; each said respective signal including a first signal component and a second signal component; said first signal component representing luminance of said image and having a first bandwidth between a lower frequency and an upper second frequency; said second signal component representing color content of said image and having a second bandwidth between a third frequency and a fourth frequency; said third frequency being greater than said lower frequency; said fourth frequency being less than said upper frequency; the method comprising the steps of:

(a) receiving a set of n lines of said plurality of lines; said set of n lines including said particular line;

(b) in no particular order:

(1) measuring a respective first sample of said first signal component of each respective line of said n lines; each said respective first sample appearing along a predetermined axis in said image; and

(2) measuring a respective second sample of said second signal component of each said respective line;

(c) in no particular order:

(1) establishing a plurality of weighting factors based upon sample differences between selected samples of said respective first samples; and

(2) establishing a plurality of filter modes for selectively filtering said plurality of signals based upon said second samples;

(d) establishing a correlation between said plurality of weighting factors and said plurality of filter modes;

(e) filtering said plurality of signals using a selected filter mode of said plurality of filter modes; said selected filter mode being selected using said second samples;

(f) identifying a selected weighting factor of said plurality of weighting factors according to said correlation for said selected filter mode;

(g) employing said selected weighting factor to effect weighted mixing of said samples to generate said representation of said particular signal for said particular time interval; and

(h) repeating steps (a) through (g) until representation of said particular signal is completed.

8. A method for generating a representation of a particular signal among a plurality of signals as recited in Claim 7 wherein the method comprises the further steps of:

(i) when representation of said particular signal is completed, receiving a new set of n lines of said plurality of lines; said new set of n lines including a new particular line; and

(j) repeating steps (a) through (i) until representation of said image is complete.

9. A method for generating a representation of a particular signal among a plurality of signals as recited in Claim 7 wherein n is five.

10. A method for generating a representation of a particular signal among a plurality of signals as recited in Claim 7 wherein said predetermined axis is a vertical axis.

11. A method for generating a representation of a particular signal among a plurality of signals as recited in Claim 8 wherein n is five.

12. A method for generating a representation of a particular signal among a plurality of signals as recited in Claim 8 wherein said predetermined axis is a vertical axis.